

## ABSTRACT

Representative embodiments provide for a media level measurement apparatus, including a sensor to provide an ambient temperature signal, a controller, and a source configured to provide an electrical current. Also included are a thermistor device configured to provide a level signal corresponding to a level of a media in contact with a lengthwise portion of the thermistor device during an application of the pulse of electrical current, and a signal processor configured to provide a media level signal in accordance with the level signal and the ambient temperature signal. A method includes the steps of supporting a lengthwise portion of a thermistor device in contact with a media, applying an electrical pulse to the thermistor device, sensing a level signal from the thermistor device after a predetermined period of time, and providing a media level signal in corresponding to the level signal.